

# 140GG2C3C80

Allen-Bradley 140G MCCB G Frame 36kA 3P 80A Fixed Thermal Magnetic



**Allen-Bradley**  
by ROCKWELL AUTOMATION



<b>Component type</b>	Power switching circuit breaker
<b>Range</b>	Moulded Case Circuit Breaker
<b>Model</b>	N/A
<b>Product status</b>	Existing

The Allen Bradley motor protection circuit breakers offer a reliable solution with both short-circuit and overload protection for individual motor loads with high interrupt ratings for 2 and 3 pole devices. Ideal for motor starting and motor protection applications. Connecting modules are available and have been combination short-circuit tested with the Allen Bradley 100-E contactors.

## ELECTRICAL

Rated current $I_n$	110.0 A
Number of poles	4.0
Max. rated operation voltage $U_e$ AC	690.0 V
Rated ultimate short-circuit breaking capacity $I_{cu}$ at 415 V, 50 Hz	36.0 kA
Rated service short-circuit breaking capacity $I_{cs}$ at 415 V, 50 Hz	36.0 kA
Type of protection trip unit	Thermal/magnetic release
Trip curve	Fixed thermal, fixed magnetic
Frame size rating	160.0 A
Rated frequency	50 - 60 Hz
Rated insulation voltage $U_i$	800.0 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, $I_{cu}$ 690V AC	6.0 kA
Rated short circuit breaking capacity, $I_{cs}$ 690V AC	4.5 kA
Rated impulse withstand voltage $U_{imp}$	8.0 kV
Reverse connection of supply possible	Yes
Electrical life at $U_n, I_n$ (service cycles)	8000.0 cycles
Power loss at rated current	33.1 W

## MECHANICAL

DIN rail (top hat rail) mounting optional	Yes
Mechanical life (service cycles)	25000.0 cycles

## DIMENSIONS

Height	130.0 mm
Width	101.2 mm
Pole connection pitch	25.0 mm
Built-in depth	70.0 mm
Depth (toggle included)	101.0 mm

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<b>DIMENSIONS</b>	Weight	1.4 kg
<b>ENVIRONMENT</b>	Rated surrounding temperature without derating	40.0 °C
	Max. temperature	75.0 °C
	Storage temperature	-40 - 80 °C
	Altitude before derating (Max)	2000.0 m